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Approved for use through 10/31/2002 OMB 0551-0032

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 178.39931X00

First Inventor Daewon KWON

Title See 1 in Addendum

Express Mail Label No. 1c872-0996338

1c872-0996338
09/27/01

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification [Total Pages 27]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed Sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [Total Sheets 5]
- Oath or Declaration [Total Pages 2]
 a. Newly executed (original or copy)
Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.133(b)
- Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

Continuation Divisional Continuation-in-part (CIP)

of prior application No. _____

Group Art Unit. _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label

120457

or Correspondence address below

Name			
Address			
City	State	Zip Code	Fax
Country	Telephone		

Name (Print/Type)	Ronald Shore	Registration No. (Attorney/Agent)	28,577
Signature	Ronald Shore	Date September 27, 2001	

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Addendum

1. METHODS AND APPARATUS FOR DETERMINING OPTICAL CONSTANTS OF SEMICONDUCTORS AND DIELECTRICS WITH INTERBAND STATES

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FEE TRANSMITTAL

for FY 2000

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement; otherwise large entity fees must be paid. See Forms PTO/SB-09-12
See 37 C.F.R. §§ 1.27 and 1.28

TOTAL AMOUNT OF PAYMENT (\$520.00)

Complete if Known

Application Number	September 27, 2001
Filing Date	Daewon KWON
First Named Inventor	
Examiner Name	
Group / Art Unit	
Attorney Docket No.	178.39931X00

1012/96568
09/27/01

METHOD OF PAYMENT (check one)

The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number
01-2135Deposit Account Name
Antonelli, Terry, Stout & Kraus, LLP Charge Any Additional Fee Required
Under 37 CFR §§ 1.16 and 1.17

Payment Enclosed:
 Check Money Order Other

FEE CALCULATION (continued)

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (S)	Fee Code (S)	Fee Description	Fee Paid
101	690	201	345	Utility filing fee	355.00
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	690	208	340	Reseuse filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$ 355.00)

2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid
25	5	20*	5 x 19	45
Independent 5	3**	2	2 x 40	80
Multiple/Dependent				0

*or number previously paid, if greater; For Reseuses, see below

Large Entity	Small Entity	Fee Code (S)	Fee Code (S)	Fee Description
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim, if not paid
109	78	209	39	** Reseuse independent claims over original patent
110	18	210	9	** Reseuse claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 125.00)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (S)	Fee Code (S)	Fee Description
103	130	205	65	Surcharge - late filing fee or oath
127	50	227	25	Surcharge - late provisional filing fee or cover sheet

Fee Paid

0.00
0.00
0.00

139	130	139	130	Non-English specification
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147	2,520	147	2,520	For filing a request for reexamination
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112	920*	112	920	Requesting publication of SIR prior to Examiner action
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113	1,840*	113	1,840	Requesting publication of SIR after Examiner action
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115	110	215	55	Extension for reply within first month
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116	360	216	190	Extension for reply within second month
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117	870	217	435	Extension for reply within third month
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118	1,360	218	880	Extension for reply within fourth month
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128	1,850	228	925	Extension for reply within fifth month
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119	300	219	150	Notice of Appeal
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120	300	220	150	Filing a brief in support of an appeal
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121	260	221	130	Request for oral hearing
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138	1,510	138	1,510	Petition to institute a public use proceeding
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140	110	240	55	Petition to revive - unavoidable
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141	1,210	241	605	Petition to revive - unintentional
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142	1,210	242	605	Utility issue fee (or reissue)
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143	430	243	215	Design issue fee
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144	580	244	290	Plant issue fee
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122	130	122	130	Petitions to the Commissioner
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126	240	126	240	Petitions related to provisional applications
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158	410	581	40	Submission of Information Disclosure Stmt
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146	690	246	345	Recording each patent assignment per property (times number of properties)
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149	690	249	345	Filing a submission after final rejection (37 CFR § 1.129(e))
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Other fee (specify)				0.00
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Other fee (specify)				0.00
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SUBTOTAL (3) (\$ 40.00)

Reduced by Basic Filing Fee Paid

SUBMITTED BY

Name (Print/Type) Ronald J. ShoreSignature Ronald J. Shore

Registration No (Attorney/Agent) 28,577

Telephone (703) 312-6600

Complete if applicable

Date Sept. 27, 2001

WARNING:

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